



CERTIFICATE UNDER 37 C.F.R. 3.73(b)

Applicant: Southern Mills, Inc.

Application No. 08/206,405

Filed: 03/07/94

For: Dye Diffusion Promoting Agents for Aramids

Southern Mills, Inc.

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

certifies that it is the assignee of the entire, right, title and interest in the patent application identified above by virtue of either:

- A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel , frame , or for which a copy thereof is attached.

OR

- B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: Phillip H. Riggins To: Burlington Industries, Inc.
The document was recorded in the Patent and Trademark Office at Reel 6063,
Frame 0653, or for which a copy thereof is attached.

2. From: John H. Hansen To: Burlington Industries, Inc.
The document was recorded in the Patent and Trademark Office at Reel 6063,
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3. From: Burlington Industries, Inc. To: Southern Mills, Inc.
The document was recorded in the Patent and Trademark Office at Reel 7463,
Frame 0650, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and these statements made on information and belief are believed to be true; and further, ^{it is} ~~so~~ States are statements are made with the knowledge that willful false statements, and the like ^{so} ~~or~~ Code, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the ^{or} ~~the~~ Code, and that such willful false statements may jeopardize the validity of the ^{the} ~~or~~ patent issuing thereon.

Date: 7/14/95

Name: W.D. Ellis, Jr.

Title: Chairman / CEO

Signature: Ted Ells



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

37 104 DATE 04/24/92

TO:
THOMSON & VANDERHYE P.C.
ARTHUR R. CRAWFORD
2200 CLARENDON BLVD., 14TH FLOOR
ARLINGTON, VA 22201

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WASHINGTON, D.C. 20231

DOC DATE: 03/11/92

ASSIGNOR:
RIGGINS, PHILLIP H.

DOC DATE: 03/10/92

ASSIGNOR:
HANSEN, JOHN H.

RECORDATION DATE: 03/16/92 NUMBER OF PAGES 002 REEL/FRAME 6063/0653

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
BURLINGTON INDUSTRIES, INC.
A CORP. OF DELAWARE
3330 W. FRIENDLY AVENUE
GREENSBORO, NORTH CAROLINA

SERIAL NUMBER 7-851781 FILING DATE 03/16/92
PATENT NUMBER ISSUE DATE 00/00/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4060N 581 A/D
07/851781

37 JUL Hon. Commissioner of Patents and Trademarks
24 Washington, D.C. 20231

Atty. Dkt. 11-702
C# M#

Date: March 16, 1992

Attached for filing is the patent application of:

Inventors: Phillip H. RIGGINS and John H. HANSEN

Entitled: DYE DIFFUSION PROMOTING AGENTS FOR
ARAMIDS

and including attachments as noted below:

- Declaration, [] Abstract,
- [38] pages of specification and claims (including 64 numbered claims)
- [] sheets of accompanying drawing/s
- Record & return the attached assignment to the undersigned
- [] Priority is hereby claimed under 35 USC 119 based on filing in _____ of application(s) No(s). filed on , respectively.
- Certified copy(ies) [] attached or [] already filed on , respectively, in U.S. application Serial No. , filed .
- [] Verified statement establishing "small entity" status under Rules 9 & 27.
- Preliminary amendment to claims (attached hereto), to be entered before calculation of the fee below.
- [] Also attached:

FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY HEREWITH CANCELLED

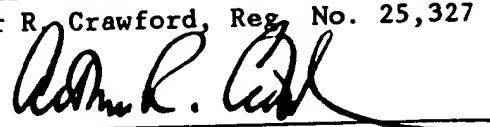
Basic filing fee	\$ 690.00
Total effective claims 64 - 20 = 44 x \$20	\$ 880.00
Independent claims 21 - 3 = 18 x \$72	\$ 1296.00
If any <u>proper</u> multiple dependent claims, add \$220 *.....	\$ 220.00
* (Ignore if improper claims)	
SUBTOTAL	\$ 3086.00
If "small entity," then enter half (1/2) of subtotal and subtract. -\$(0)	
TOTAL FILING FEE ENCLOSED	\$ 3086.00
<input checked="" type="checkbox"/> Assignment recording fee (\$40.00).....	\$ 40.00
TOTAL FEE ENCLOSED	\$ 3126.00

The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

2200 Clarendon Blvd.
14th Floor
Arlington, VA 22201
Tel: (703) 875-0400

NIXON & VANDERHYPE P.C.

By Atty: Arthur R. Crawford, Reg. No. 25,327

Signature: 

ARC:pc

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REF ID: 063 Filing 53

07851781

11-702

ASSIGNMENT

WHEREAS, Phillip H. Riggins and John H. Hansen, (hereinafter ASSIGNORS) both of Greensboro, North Carolina, have invented a certain improvement in DYE DIFFUSION PROMOTING AGENTS FOR ARAMIDS for which a so-entitled application for Letters Patent of the United States, is being concurrently executed herewith;

WHEREAS, BURLINGTON INDUSTRIES, INC. (hereinafter ASSIGNEE), a corporation of the State of Delaware, having an office and place of business at 3330 W. Friendly Avenue, Greensboro, North Carolina is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Agreeing, further, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

3/11/92

Date

Phillip H. Riggins

Phillip H. Riggins

3/12/92

Date

John H. Hansen

Date

RECORDED
U.S. PATENT & TRADEMARK OFFICE

Witnessed by:

Name: Amber M. Sorkne Date: MAR 16 92 (for Hansen)

Name: Amber M. Sorkne Date: 3/10/92 (for Riggins)

MAY
4
1995

05-22-1995

To the Honorable L.

100005201

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Original documents or copy thereof.

1. Name of conveying party(ies):

Burlington Industries, Inc.

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: December 16, 1994

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent application No.: 08/206,405

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Collen A. Beard
 Hopkins & Thomas
 100 Galleria Parkway
 Suite 1500
 Atlanta, Georgia 30339

6. Total number of applications/patents involved:

[1]

7. Total fee (37 CFR 3.41):

\$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit Account Number: 20-0778

(Attach duplicate copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Collen A. Beard

Name of Person Signing

1520-9-040

Signature

Total number of pages including cover sheet, attachments, and document: [5]

080 JB 05/15/95 08206405

1 581 40.00 CK

Mail documents to be recorded with required cover sheet information to:

 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 02, 1995

PTAS



100005201A

COLLEN A. BEARD
HOPKINS & THOMAS
100 GALLERIA PARKWAY
SUITE 1500
ATLANTA, GA 30339

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RECORDATION DATE: 05/04/1995

REEL/FRAME: 7463/0650
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BURLINGTON INDUSTRIES, INC.

DOC DATE: 12/16/1994

ASSIGNEE:
SOUTHERN MILLS, INC.
6501 MALL BOULEVARD
UNION CITY, GEORGIA 30291

SERIAL NUMBER: 08206405
PATENT NUMBER:

FILING DATE: 03/07/1994
ISSUE DATE:

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED
JUL 13 1995

HOPKINS & THOMAS

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Burlington Industries, Inc., a Delaware corporation of 3330 West Friendly Avenue, Greensboro, North Carolina 27410 (hereinafter referred to as ASSIGNOR) is the owner of the application for United States Letters Patent listed on Schedule A attached hereto (the "Patent Application"); and

WHEREAS, Southern Mills, Inc., a Georgia corporation of 6501 Mall Boulevard, Union City, Georgia 30291, (hereinafter referred to as ASSIGNEE) is desirous of acquiring an interest in the Patent Application;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto the said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to the Patent Application, the same to be held and enjoyed by the said ASSIGNEE, its successors, assigns and legal representatives, as fully and entirely as the same would have been held by the said ASSIGNOR had this assignment and sale not been made.

IN WITNESS WHEREOF, the undersigned has caused this instrument to be executed as of the 16th day of December, 1994 by its duly authorized officer.

BURLINGTON INDUSTRIES, INC.

By Selwyn Whirling
Title: Vice President

(Corporate Seal)

STATE OF NORTH CAROLINA
COUNTY OF GUILFORD

on this 16th day of December, 1994, before me personally appeared Peter D. W. Whirling, to me known and known to me to be the individual described in and who executed the foregoing instrument and acknowledged to me that he executed the same as the Vice President of the above noted corporation and that he was duly authorized to execute the same as the act of and on behalf of said corporation.

Jane Neugent
Notary Public

My Commission Expires:

Nov. 25, 1999

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PATENT APPLICATION

<u>Series Code & Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Title</u>
08/206,405	03/07/94	John H. Hansen & Phillip H. Riggins	Dye Diffusion Promot- ing Agents for Aramids